



PRESENTING CLINICAL SIGNS

History: Grade II/VI murmur. Arrhythmia. Labored breathing.

DATE

6/16/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta, as well as mild aortic insufficiency. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 29.9 mm
LVIDd - 28.9 mm
LVIDs - 18.3 mm
FS - 36.7%
RA - 19.0 mm
LVOT - 0.64 m/s
RVOT - 0.73 m/s

PATIENT

Bandit Koroluk

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SPECIES

Canine

This examination demonstrates mild regurgitation of blood across Bandit's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Bandit does not have secondary dilation of either of his left heart chambers, and his left ventricular systolic function is normal. Given the absence of left atrial dilation, it appears unlikely that Bandit's mitral valve disease is the cause of his labored breathing, and no evidence of cardiogenic pulmonary edema is appreciated in his radiographs.

BREED

Bedlington Terrier

SEX

Also seen in this exam is mildly increased flow velocity in Bandit's aorta, as well as mild aortic insufficiency. The hemodynamic effects of these changes appear to be negligible at present, though careful monitoring for progression is recommended.

MN

An ECG is recommended if an arrhythmia is suspected.

AGE

No therapy appears to be warranted at this stage of Bandit's mitral valve disease.

15 y

A recheck echocardiogram is recommended in ~6 months to monitor for disease progression.

WEIGHT

18.2 lb

HOSPITAL NAME

Milford AH

REFERRING VET

Dr. Grasso



DATE

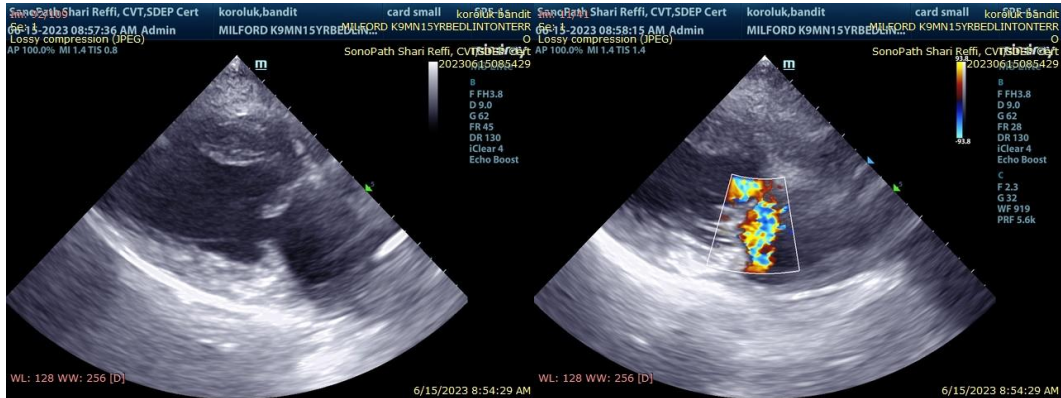
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Bandit Koroluk

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

SPECIES

Canine

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631-804-5754

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Bedlington Terrier

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MN

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